



Welcome!

***VX-9 Contract
Industry Day***

14 October 2009



History of VX-9



- Air Test and Evaluation Squadron NINE (VX-9) was initially established in 1951 to develop and evaluate aircraft tactics and techniques for delivery of airborne special weapons. However, the squadron mission, due to changes and improvements in Navy weapon systems, has evolved over the years to include independent operational test and evaluation of US Navy and US Marine Corps tactical aircraft weapon systems.



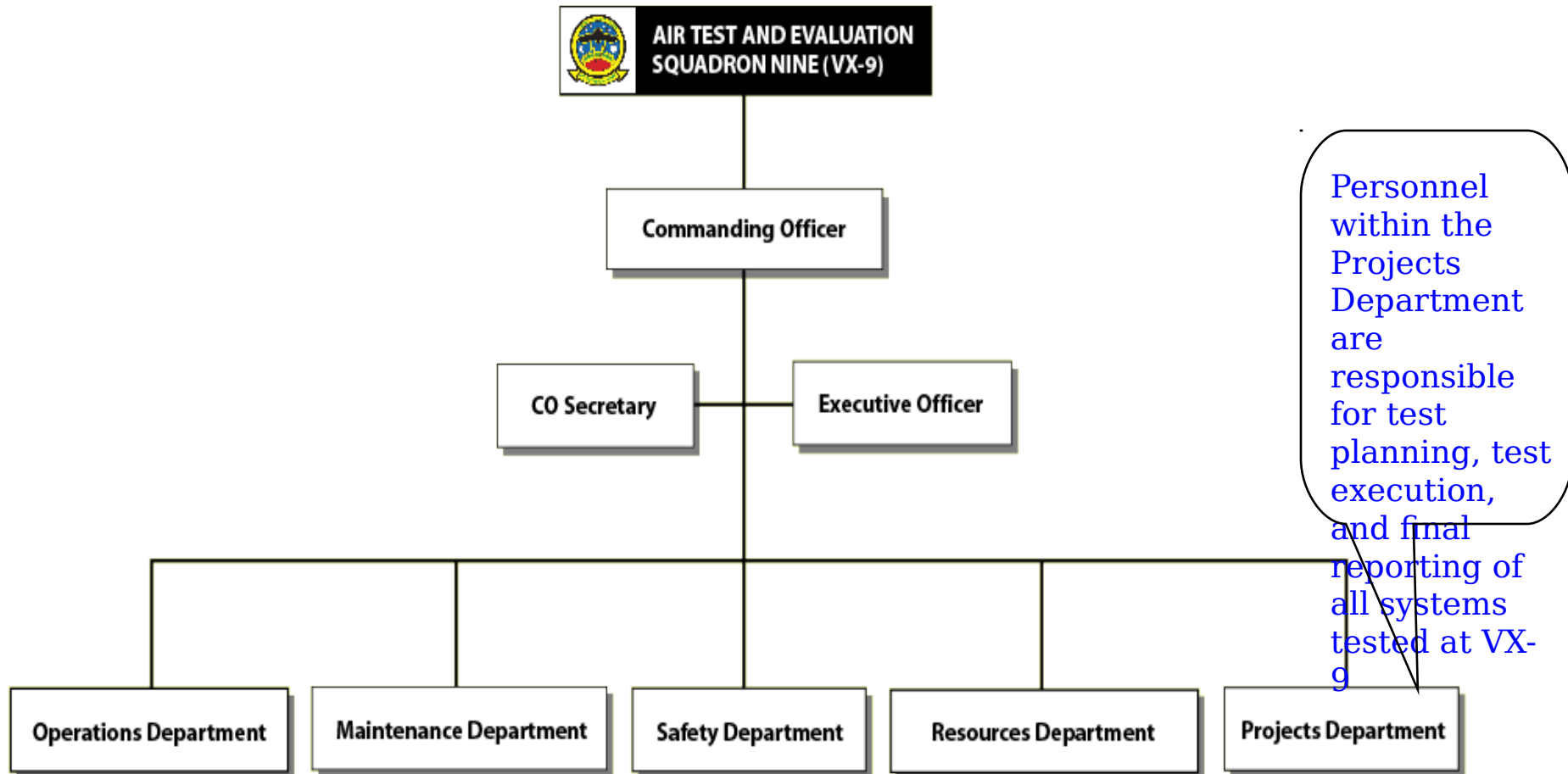
VX-9 Mission Today



- Under the direction of COMOPTEVFOR VX-9 will:
 - Conduct test and evaluation in the operational environment of tactical aircraft, aircraft weapons systems, support systems, equipment and material; develop initial tactics and doctrine; and evaluate training requirements which assure acceptable combat readiness.
 - Develop, evaluate and recommend initial day, night and all-weather tactics, doctrine, operational procedures, training and maintenance requirements for fleet employment of new and existing carrier aircraft; associated aircraft weapons and weapons systems; support systems, equipment and material.

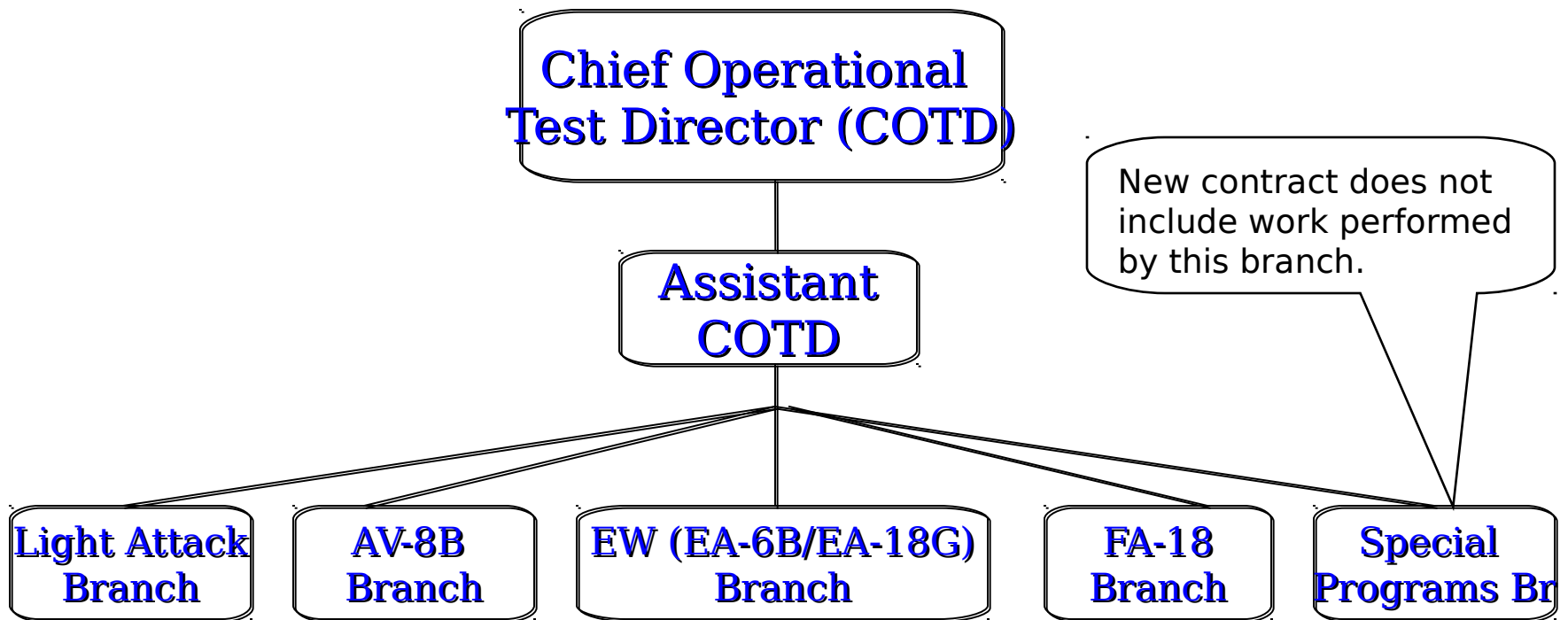


Squadron Organization



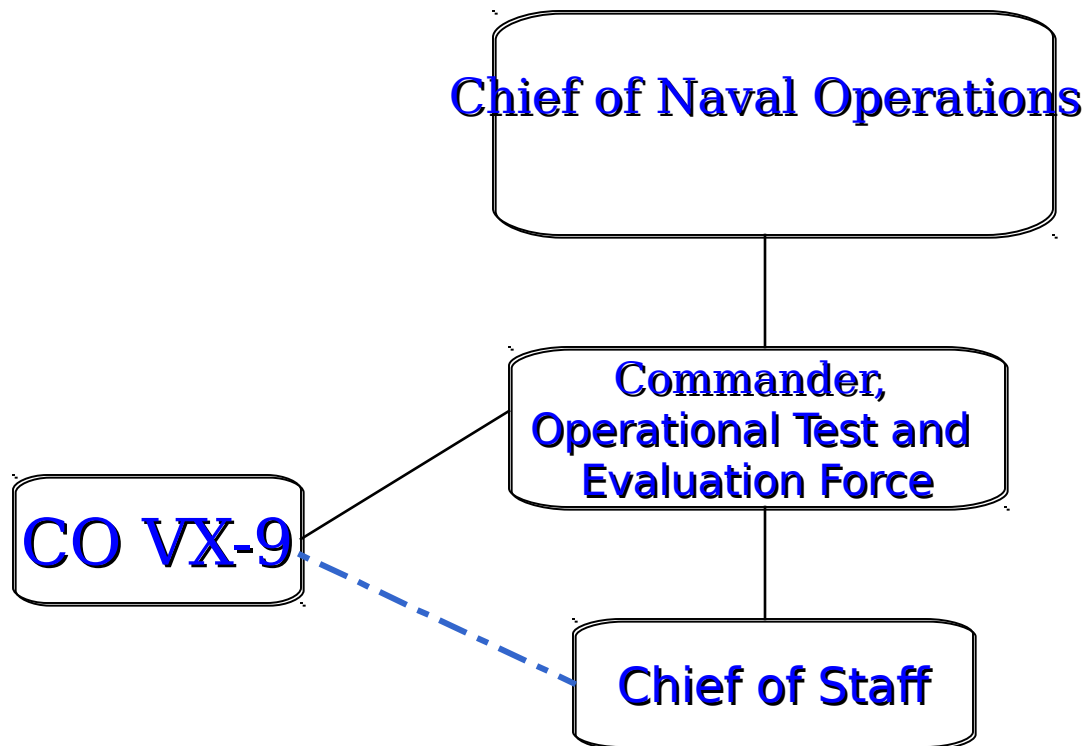


Projects Department





Operational Reporting Chain



Chain of
Command —

Liaison
- - - - -



Normal Workload



- Roughly 10 to 15 programs tested per year
- Approx. 1,400 test/test support sorties flown per year
- Multiple Detachments
 - Two two-week air-to-air detachments (FA-18 and AV-8B)
 - Four two-week air-to-ground detachments (FA-18, AV-8B, AH-1W/AH-1Z/UH-1Y)
 - One two-week joint forces detachment (FA-18)
 - Up to three shipboard detachments (FA-18) (AV-8B)
 - Multiple mini-detachments (four days or less) (FA-18 and AH-1W/AH-1Z/UH-1Y)



Routine Interfaces



- Systems Commands
 - NAVAIR
 - SPAWAR
- Developing Contractors
 - Raytheon
 - Boeing
 - Northrop-Grumman
 - Lockheed Martin
- COMOPTEVFOR and Staff
- Assistant Secretary of the Navy (ASN,R&D)
- Office of the Secretary of Defense (OSD)
 - DOT&E



VX-9 Engineering/Analytical Support Requirements



- 7 Labor Categories
 - Program Manager
 - Subject Matter Expert
 - Senior Flight Test Engineer/Analyst
 - Intermediate Flight Test Engineer/Analyst
 - Jr. Flight Test Engineer/Analyst
 - Intermediate Database Engineer
 - Jr. Database Engineer
- 30.5 Man Years (1 Key Position)



VX-9 Engineering/Analytical Support Requirements (cont)



- This contract will provide for a wide range of engineering, analytical, and technical support for air warfare system operational test and evaluation (OT&E) conducted at Air Test and Evaluation Squadron NINE (VX-9), China Lake, CA.
- Work to be performed includes:
 - Test planning tasks
 - Test execution tasks
 - Test reporting tasks
 - Analysis of test data
 - Reliability, Maintainability, and Availability (RM&A) analysis
 - Database development and administration
 - On-site contract program management



VX-9 Engineering/Analytical Support Requirements (cont)



- Work will be performed on-site in VX-9 spaces





VX-9 Engineering/Analytical Support Requirements (cont)



- Projects to be supported include:
- FA-18E/F
- FA-18C/D
- EA-18G
- EA-6B
- AV-8B
- AH-1W
- AH-1Z
- UH-1Y





VX-9 Engineering/Analytical Support Requirements (cont)



• Projects requiring support in 2010

FA-18 A-D

JSOW

FA-18 E/F

MIDS-JTRS

SCS H6E

SCS H8E

SCS 23X

SCS 25X

FA-18 A-F

AARGM

AIM-9X

AMRAAM

JMPS

EA-6B/EA-18G

Improved Capability (ICAP-III) JTALD

EA-18G

JMPS

AH-1W

HELLFIRE

APKWS

JMPS

UH-1Y/AH-1Z (H-1 Upgrades)

AV-8B

SCS H60



Questions?